

2004 Water Quality Assessment (Final) - Category 5 Listings for WRIA 19

WRIA	Listing ID	Category	98 List?	Waterbody Name Basis	Location Information					Parameter	Medium	Remarks
19	6884	5	Y	CLALLAM RIVER Elwha-Klallam Tribal data (submitted by Michael McHenry on 9/10/93) show a 7-day mean of maximum daily temperatures of 16.8 deg C. at RM 5.7 during 1992. A 2514 watershed planning project that includes a water quality element is underway in this watershed.	NY49PY	7.234	31N	12W	04	Temperature	Water	
19	6885	5	Y	CLALLAM RIVER Elwha-Klallam Tribal data (submitted by Michael McHenry on 9/10/93) show a 7-day mean of maximum daily temperatures of 19.4 deg C. at RM 1.5 during 1992. A 2514 watershed planning project that includes a water quality element is underway in this watershed.	NY49PY	0.79	32N	12W	21	Temperature	Water	
19	6226	5	Y	DEEP CREEK Lower Elwha Tribal data (submitted by Michael McHenry on 9/10/93) show fine sediment levels as 'poor' (17.7%) at RM 2.5 in 1990 and 1992. SASSI, 1993. Coho salmon and steelhead are depressed, Chum salmon are critical. Information from the Lower Elwha Tribe show the habitat impact are due to forest practices in the watershed.	DB51HV	3.67	31N	10W	31	Fine Sediment	Water	A 2514 watershed planning project that includes a water quality element is underway in this watershed.
19	6227	5	Y	DEEP CREEK Lower Elwha Tribal data (submitted by Michael McHenry on 9/10/93) show fine sediment levels as 'poor' (23.2%) at RM 1.4 in 1990 and 1992. SASSI, 1993. Coho salmon and steelhead are depressed, Chum salmon are critical. Information from the Lower Elwha Tribe show the habitat impact are due to forest practices in the watershed.	DB51HV	1.752	31N	10W	30	Fine Sediment	Water	A 2514 watershed planning project that includes a water quality element is underway in this watershed.
19	6231	5	Y	DEEP CREEK Lower Elwha Tribal data (submitted by Michael McHenry on 9/10/93) show fine sediment levels as 'poor' (18.4%) at RM 0.4 in 1990 and 1992. SASSI, 1993. Coho salmon and steelhead are depressed, Chum salmon are critical. Information from the Lower Elwha Tribe show the habitat impact are due to forest practices in the watershed.	DB51HV	0.519	31N	10W	19	Fine Sediment	Water	A 2514 watershed planning project that includes a water quality element is underway in this watershed.
19	6879	5	Y	DEEP CREEK Schuett-Hames and Malkin, 1993. (submitted by Michael McHenry on 9/10/93) show 24 excursions beyond the criterion out of 31 samples (77%) at Deep Creek RM 0.25 during 1992.	DB51HV	0.519	31N	10W	19	Temperature	Water	TRs was 31N-10W-20 on 1998 list. -kk Continuous temperature measurements were taken, but data were previously submitted only in hardcopy form. The water segment is listed as Category 5 based on the 1998 assessment. A 2514 watershed planning project that includes a water quality element is underway in this watershed.

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				Basis								
19	6880	5	Y	DEEP CREEK	DB51HV	3.67	31N	10W	31	Temperature	Water	
				Schuett-Hames and Malkin, 1993. (submitted by Michael McHenry on 9/10/93) show 26 excursions beyond the criterion out of 57 samples (46%) at					Deep Creek	'Continuous temperature measurements were taken, but		
				RM 2.5 during 1992.						were previously submitted only in hardcopy form. The water segment is listed as Category 5 based on the 1998 assessment.		
										A 2514 watershed planning project that includes a water quality element is underway in this watershed.		
19	6881	5	Y	DEEP CREEK	DB51HV	1.752	31N	10W	30	Temperature	Water	
				Schuett-Hames and Malkin, 1993. (submitted by Michael McHenry on 9/10/93) show 31 excursions beyond the criterion out of 57 samples (54%) at the mouth of						'Continuous temperature measurements were taken, but		
				E.F. Deep Creek during 1992.						were previously submitted only in hardcopy form. The water segment is listed as Category 5 based on the 1998 assessment.		
										A 2514 watershed planning project that includes a water quality element is underway in this watershed.		
19	34999	5	N	DEEP CREEK	DB51HV	6.582	30N	11W	01	Temperature	Water	
				Olympic National Forest unpublished data (submitted by Dale Hom on 15 January 2003) show a 7-day mean of maximum daily temperature of 16.08 degrees C on the week ending 7-25-2002, with a maximum daily temperature of 16.67 degrees C from continuous measurements collected in 2002 at RM 4.528 (station ID Deep Crk 02).						Ecology staff reviewed this listing in 2003 for natural conditions, but could not rule out the possibility that human activities contributed to the excursion(s).		
				Olympic National Forest unpublished data (submitted by Dale Hom on 15 January 2003) show a 7-day mean of maximum daily temperature of 15.6 degrees C on the week ending 8-14-2001, with a maximum daily temperature of 16.3 degrees C from continuous measurements collected in 2001 at RM 4.528 (station ID RM3.0).						A 2514 watershed planning project that includes a water quality element is underway in this watershed.		
19	7688	5	Y	GREEN CREEK	CS94VY	3.405	31N	12W	22	Temperature	Water	
				Caldwell, et al. 1991. Numerous excursions beyond the criterion at 4 sites on the segment during 8/90.						Continuous temperature measurements were taken, but results reported as single day maximums. Category 5 listing is continued from 1998 assessment based on multiple excursions from continuous monitoring.		
19	6882	5	Y	LITTLE HOKO RIVER	CC22VG	0	32N	13W	22	Temperature	Water	
				Elwha-Klallam Indian Tribal data (submitted by Michael McHenry on 9/10/93) show a 7-day mean of maximum daily temperatures of 18.7 deg C. at RM 0.1 during 1992.						A 2514 watershed planning project that includes a water quality element is underway in this watershed.		
19	6883	5	N	LITTLE HOKO RIVER	CC22VG	1.825	32N	13W	26	Temperature	Water	
				Elwha-Klallam Indian Tribal data (submitted by Michael McHenry on 9/10/93) show a 7-day mean of maximum daily temperatures of 16.9 deg C. RM 2.0 during 1992.						A 2514 watershed planning project that includes a water quality element is underway in this watershed.		

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19	7689	5	Y	SEKIU RIVER Makah Indian Tribal data (submitted by Ned Currence on 2/28/96) show 37 excursions beyond the criterion in 1994.	YZ08ZH	0	32N	13W	08	Temperature	Water	Continuous temperature measurements were taken, but data were previously submitted only in hardcopy form. The water segment is listed as Category 5 based on the 1998 assessment. A 2514 watershed planning project that includes a water quality element is underway in this watershed.
19	7690	5	Y	SEKIU RIVER, N.F. Makah Indian Tribal data (submitted by Ned Currence on 2/28/96) show 9 excursions beyond the criterion in 1994.	GR38JB	0	32N	14W	15	Temperature	Water	Continuous temperature measurements were taken, but data were previously submitted only in hardcopy form. The water segment is listed as Category 5 based on the 1998 assessment. A 2514 watershed planning project that includes a water quality element is underway in this watershed.
19	7691	5	Y	SEKIU RIVER, S.F. Makah Indian Tribal data (submitted by Ned Currence on 2/28/96) show 38 excursions beyond the criterion in 1994.	SN23GH	0	32N	14W	15	Temperature	Water	Continuous temperature measurements were taken, but data were previously submitted only in hardcopy form. The water segment is listed as Category 5 based on the 1998 assessment. A 2514 watershed planning project that includes a water quality element is underway in this watershed.
19	40419	5	N	STRAIT OF JUAN DE FUCA (WEST) Department of Health unpublished data collected from station EAST STRAITS-142 show a geometric mean of 6 cfu/100mL and 17.2413793103448% of samples exceed the percentile criterion with the last sample collected on 18-Dec-2001.	390KRD	48124B1J0	48.195	124.105		Fecal Coliform	Water	A 2514 watershed planning project that includes a water quality element is underway in this watershed.